



**Digital cellular telecommunications system (Phase 2+) (GSM);
Universal Mobile Telecommunications System (UMTS);
LTE;
Multimedia Broadcast/Multicast Service (MBMS)
user service guidelines
(3GPP TR 26.946 version 14.0.0 Release 14)**



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Introduction

MBMS user services can be built on top of the MBMS bearer service. The present document describes the usage of the two delivery methods, which are defined in [6]. The two delivery methods are streaming and download. Examples of applications using the download delivery method are news and software upgrades. Delivery of live music is an example of an application using the streaming delivery method.

The objective of the present document is to provide an overview of the MBMS System, and describes how the MBMS User Services use the MBMS Bearer Services.

1 Scope

The present document is only informative. In case there are any contradiction between the present document and 26.346, then the 3GPP TS 26.346 takes precedence.

2 References

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- [1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TS 22.146: "Multimedia Broadcast/Multicast Service (MBMS); Stage 1".
- [3] 3GPP TS 22.246: "Multimedia Broadcast/Multicast Service (MBMS) user services; Stage 1".
- [4] 3GPP TS 23.246: "Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description".
- [5] 3GPP TS 25.346: "Introduction of the Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN); Stage 2".
- [6] 3GPP TS 26.346: "Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs".
- [7] 3GPP TS 33.220: "Generic Authentication Architecture (GAA); Generic bootstrapping architecture".
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